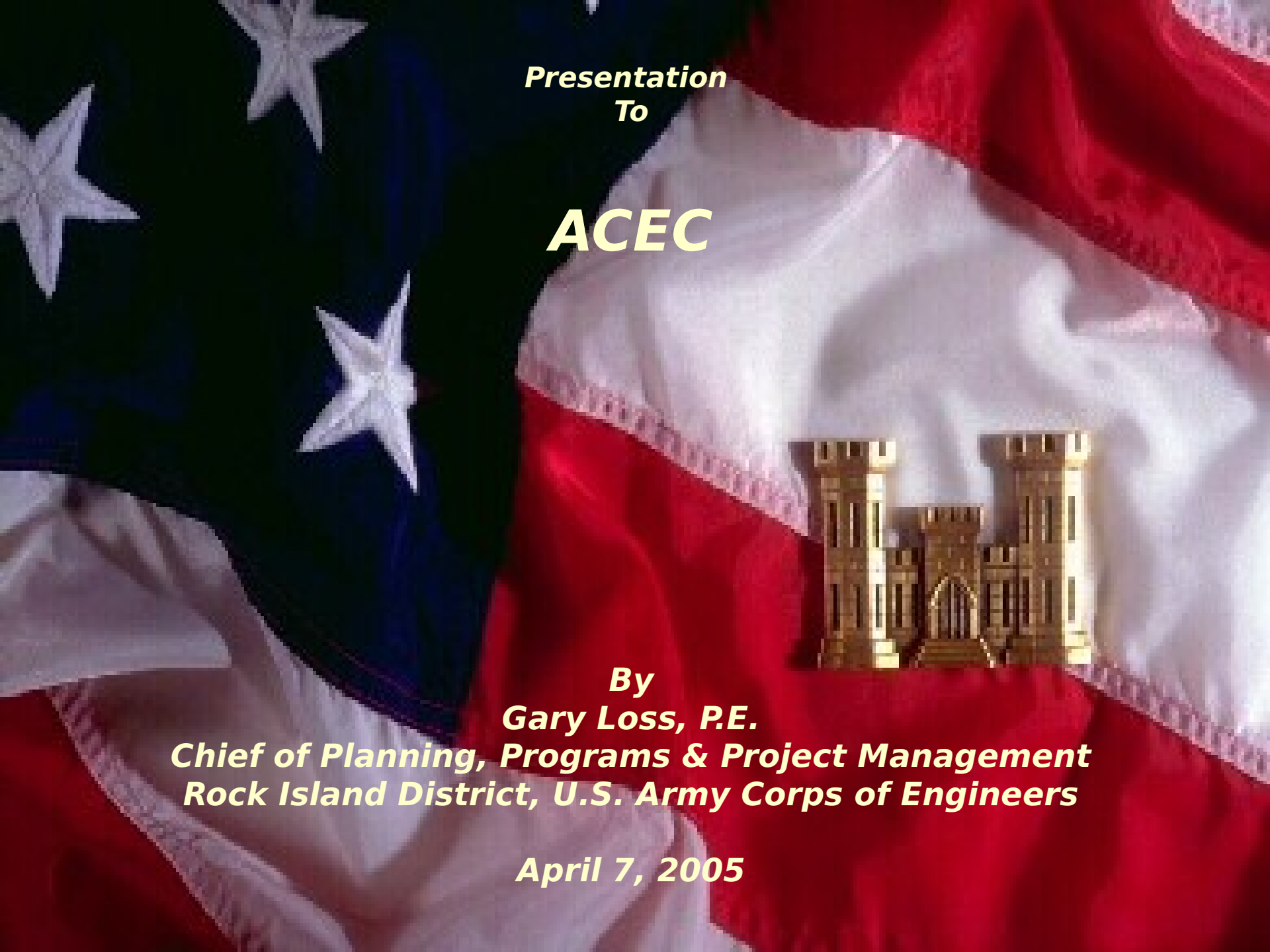


Presentation
To

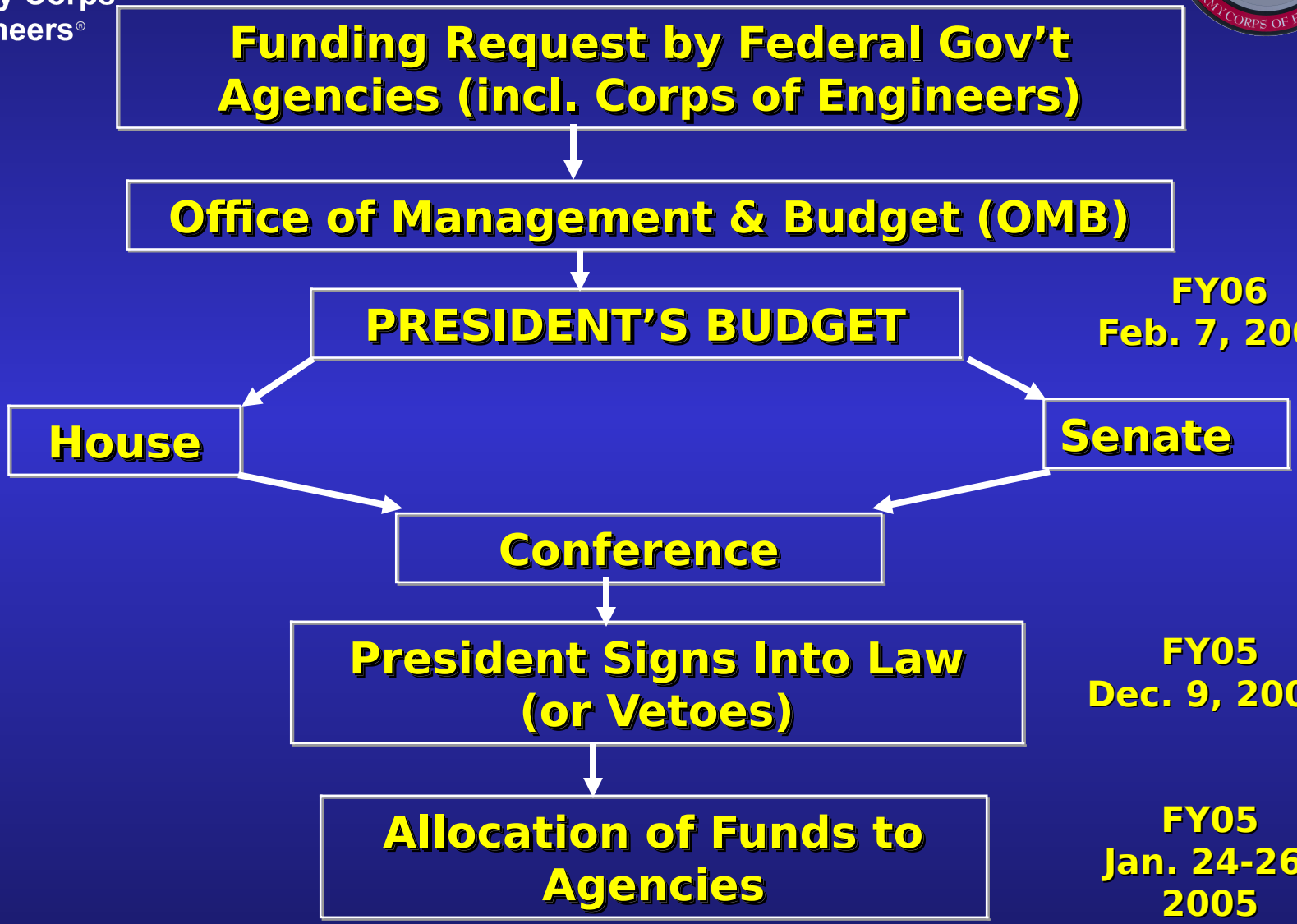
ACEC

By
Gary Loss, P.E.
Chief of Planning, Programs & Project Management
Rock Island District, U.S. Army Corps of Engineers

April 7, 2005

Basic Budget & Appropriations Process

US Army Corps of Engineers®



US Army Corps of Engineers®

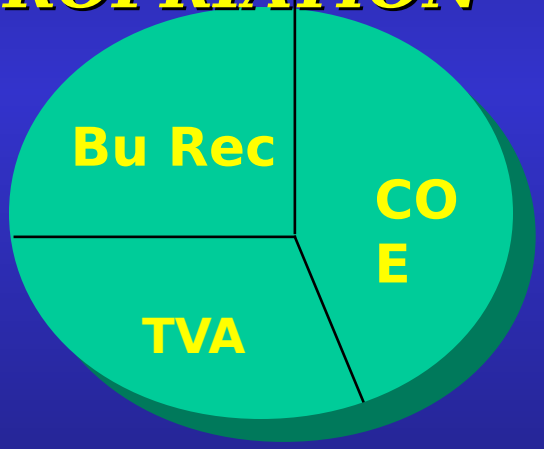
Appropriations Bills

Agriculture	Energy and Water Development	Legislative Branch
Commerce, Justice, State	Foreign Operations	Military Construction
Defense	Interior	Transportation
District of Columbia	Labor, HHS, Education	Treasury
		VA/HUD

US Army Corps of Engineers®

OMB Review of Program

ENERGY & WATER DEVELOPMENT APPROPRIATIONS



» **Looks at each agency's needs**

» **Extra scrutiny on new studies/projects**

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Major Budget Categories

GENERAL INVESTIGATIONS

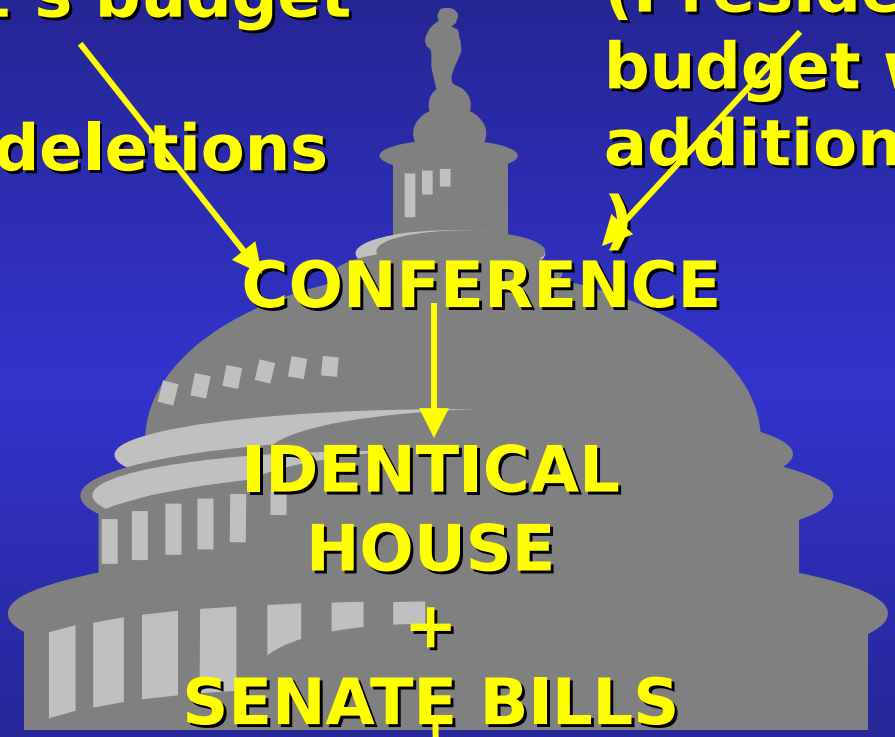
CONSTRUCTION, GENERAL

OPERATIONS & MAINTENANCE

House/Senate

HOUSE BILL (President's budget with additions/deletions)

SENATE BILL (President's budget with additions/deletions)



CONFERENCE

IDENTICAL HOUSE + SENATE BILLS

PRESIDENT SIGNS INTO LAW

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Savings & Slippage (S&S)

Amount of funds Congress "withholds" (used to be based on past performance).

A percent applied to studies/projects across-the-board that effectively reduces the "appropriated" amount to an amount actually received by the Corps for each study/project.

FY05 Savings & Slippage Reductions

GI	**21%**
CG	**11%**
O&M	**6 ½%**

Savings & Slippage

CORPS OF ENGINEERS - GENERAL INVESTIGATIONS

PROJECT TITLE	BUDGET REQUEST INVESTIGATIONS	BUDGET REQUEST PLANNING	CONFERENCE INVESTIGATIONS	CONFERENCE PLANNING
WEST VIRGINIA				
ERICKSON/WOOD COUNTY PUBLIC PORT, WV	---	---	---	600
ISLAND CREEK AT LOGAN, WV	---	483	---	983
LITTLE KANAWHA RIVER, WV	---	---	100	---
MERCER COUNTY, WV	---	100	---	100
NEW RIVER BASIN, WV, NC & VA	200	---	200	---
PARKERSBURG/VIENNA, WV	---	---	---	300
WEIRTON PORT, WV	---	---	---	400
WISCONSIN				
BARABOO RIVER, WI	240	---	240	---
WYOMING				
JACKSON HOLE RESTORATION, WY	---	175	---	175
MISCELLANEOUS				
COASTAL FIELD DATA COLLECTION	2,200	---	3,200	---
ENVIRONMENTAL DATA STUDIES	100	---	100	---
FLOOD DAMAGE DATA	400	---	400	---
FLOOD PLAIN MANAGEMENT SERVICES	8,200	---	9,500	---
GREAT LAKES FISHERY AND ECOSYSTEM RESTORATION	---	---	200	---
GREAT LAKES REMEDIAL ACTION PROGRAM (SEC. 401)	---	---	2,000	---
HYDROLOGIC STUDIES	500	---	500	---
INTERNATIONAL WATER STUDIES	500	---	500	---
JOHN GLENN GREAT LAKES BASIN PROGRAM	---	---	500	---
NATIONAL SHORELINE	300	---	300	---
OTHER COORDINATION PROGRAMS	7,200	---	7,200	---
PLANNING ASSISTANCE TO STATES	6,500	---	6,900	---
PRECIPITATION STUDIES (NATIONAL WEATHER SERVICE)	400	---	400	---
PROJECT MONITORING	100	---	---	---
REMOTE SENSING/GEOGRAPHIC INFORMATION SYSTEM SUPPORT	300	---	300	---
RESEARCH AND DEVELOPMENT	24,000	---	29,300	---
SCIENTIFIC AND TECHNICAL INFORMATION CENTERS	100	---	100	---
STREAM GAGING (U.S. GEOLOGICAL SURVEY)	700	---	700	---
TRANSPORTATION SYSTEMS	700	---	700	---
TRI-SERVICE CADD/GIS TECHNOLOGY CENTER	650	---	650	---
REDUCTION FOR ANTICIPATED SAVINGS AND SLIPPAGE	-24,050	---	-68,119	---
TOTAL, GENERAL INVESTIGATIONS	96,274	33,726	107,971	46,379

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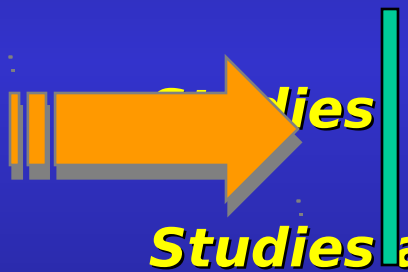
Authorization

Congress gives permission to undertake a study or project.



House/Senate Committee Resolution - Studies

Water Resources Development Acts - Projects

<u>Authorizations</u> Do Not Fund Studies/Projects.

You Receive Funding For Your Study/Project Through <u>Appropriations</u>.

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FY2006 Budget ($1,000)

	Pres Budget	Capability
General Investigations	$ 1,812	$ 28,786
Construction, General	$60,082	$103,628
Operations & Maintenance	$83,186	$130,886

Notes:

- GI Includes Miscellaneous GI Items
- CG Includes Inland Waterways Trust Fund, Total EMP (3 Districts), and CAP

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General Investigations FY 2006 Budget ($1,000)

	Pres Budget	Capability
• Davenport	$ 0	$ 319
• Des Moines & Raccoon Rivers (PED)	$ 0	$ 414
• Clear Lake	$ 0	$ 400
• IL River Basin Restoration	$1,160	$ 1,500
• IL River Ecosystem Restoration (FEAS)	$ 350	$ 350
• Keith Creek (RECON & FEAS)	$ 2	$ 252
• Peoria Riverfront Dev. (PED)	$ 0	$ 250
• Rock River Basin Ecosystem Rest. (FEAS)	$ 0	$ 200
• UMR Comprehensive Plan	$ 0	$ 1,101
• UMR & IL Navigation Study (PED)	$ 0	$24,000
• Misc. GI	$ 300	$ 300

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Upper Mississippi River-Illinois Waterway System Navigation Study aka Navigation & Environmental Sustainability Program

- ***Issue***: No Authorization. Not Included in the Administration's FY06 Budget.

- ***Last Event***: Chief's Report Signed (Dec. 2004), Forwarding Final Report Documentation & Draft Record of Decision to ASA(CW)
- ***Next Event***: Public Meetings in May 2004 at Locks 22 & 25 to Present Initial Designs, P&S for the New 1,200' Locks & Potential Fish Passage Structures
- ***FY05 Appropriation***: $355,000 (Feas) $13,500,000 (PED)
- ***FY06 Budget***: $0
- ***Scheduled Completion Date***: FY2020 (Contingent on Authorization)
- ***Estimated Construction Start Date***: FY2006 (Contingent on Authorization)

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Navigation Implementation

$2.03 Billion in First 15 Years (CG/IWTF)

- Mooring Facilities @ Locks 12, 14, 18, 20, 22, 24 & LaGrange*
- Switchboats @ Locks 20-25*
- Adaptive Implementation of 1200’ Chambers at Locks 20-25 (22*, 25*), La Grange* & Peoria
- Mitigation for Site Specific & System Effects
- Continued Study & Monitoring

* FY05 New Starts

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Ecosystem Restoration Implementation

$1.58 Billion In First 15 Years

- Fish Passage @ Dams 4, 8, 22* & 26*
- Changes In Water Level Control @ Dams 25 And 16 (25*)
- Adaptive Implementation of 225 Small Projects Of Less Than $25 Million Each
  - Island Building
  - Water Level Management
  - Backwater/Side Channel Restoration
  - Wing Dam/Dike Alterations
  - Island Shoreline Protection
- 35,000 Acres of Floodplain Restoration
- Continued Study & Monitoring

* FY05 New Starts

US Army Corps of Engineers®

FY05 Implementation Plan

- FY05 Work Allowance $11.3 M (Congressional Add)
- DRAFT FY05 Workplan 32 New Projects
- Programmatic Projects (5) $1.9M
- Navigation Efficiency Projects (8) $4.8M
- Ecosystem Restoration Projects (19) $4.6M
- Primary Activities Focused on:
  - Decision Documents (Planning)
  - Engineering And Design
  - Collection Of Pre-project Monitoring Data
  - Site Specific Evaluations

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Construction, General FY2006 Budget ($1,000)

	Pres Budget	Capability
EMP (3 District Total)	$33,500	$33,500
Lock 19 (MR)*	$17,502	$17,502
Lock 11 (MR)*	$ 7,580	$10,900
IL River Basin	$ 0	$ 3,000
Greenbelt	$ 0	$ 8,000
Davenport	$ 0	$ 126
Nav. Improvements**	$ 0	$16,200
O'Brien Lock	$ 0	$ 2,920
Lockport Lock Walls	$ 0	$ 2,480
CAP	$ 1,500	$ 9,000

* Includes Inland Waterways Trust Fund.
** Requires Construction Authorization.

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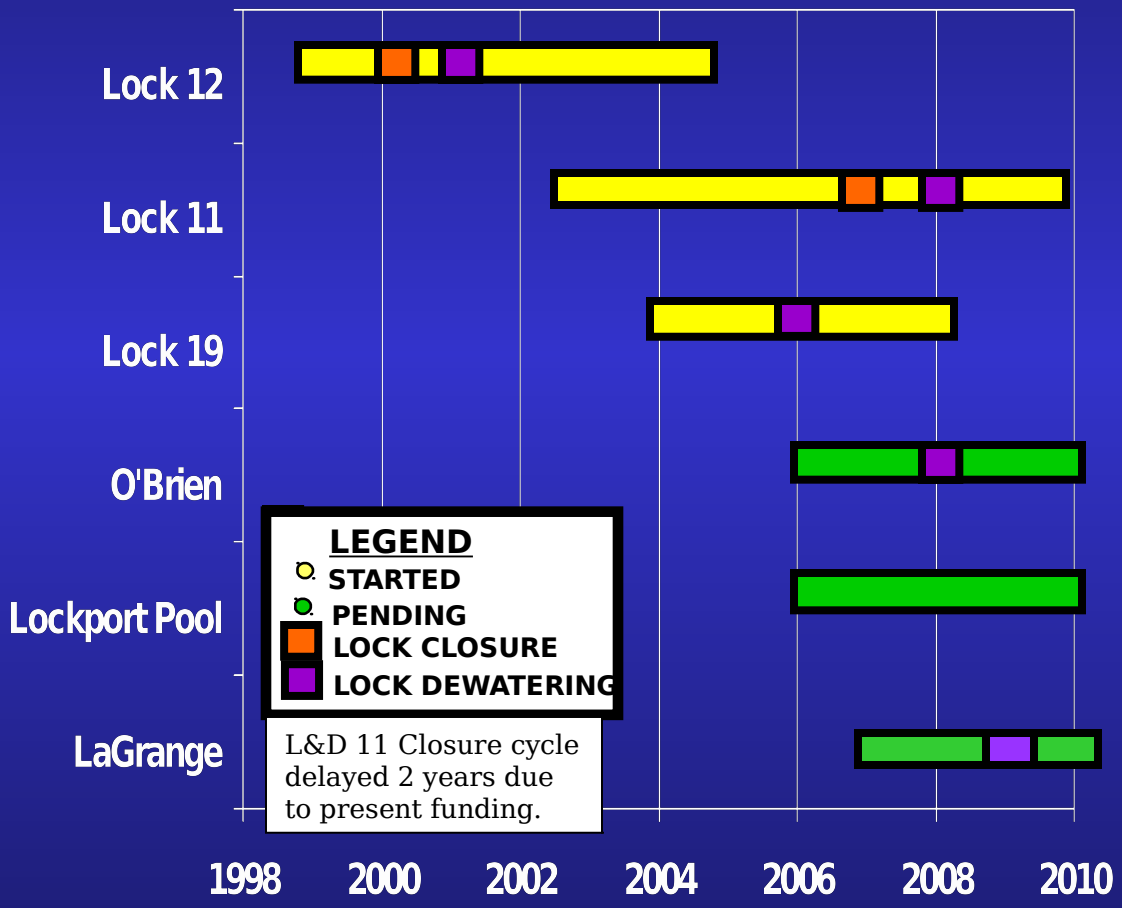
Current Major Rehabilitations
Upper Mississippi River & Illinois Waterway

- Lock and Dam 12
- Lock and Dam 11
- Lock 19
- O'Brien Lock
- Lockport Pool
- LaGrange



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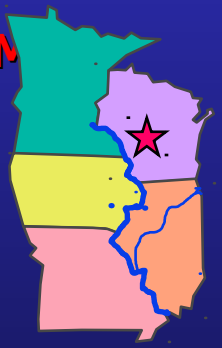
Lock & Dam 11 Dubuque, Iowa

- FY02 New Start
- Major Rehab - $26 M CG/TF
- Major Maint. - $16 M O&M
- Stage I (Scour) Completed, $3 M
- Lack of Funding Has Delayed Stages II (Lock) and III (Dam)
  - Stage II – Unable to Award
    - FY05 CG/TF - $10.9 M Needed (FY05 Rec'd $1.3 M CG, $1 M O&M Cong Adds)
    - FY06 CG/TF - $11 M Needed (FY06 Pres Budget = $7.4M
  - Stage III – $12 M with Schedule based on Stage II Progress



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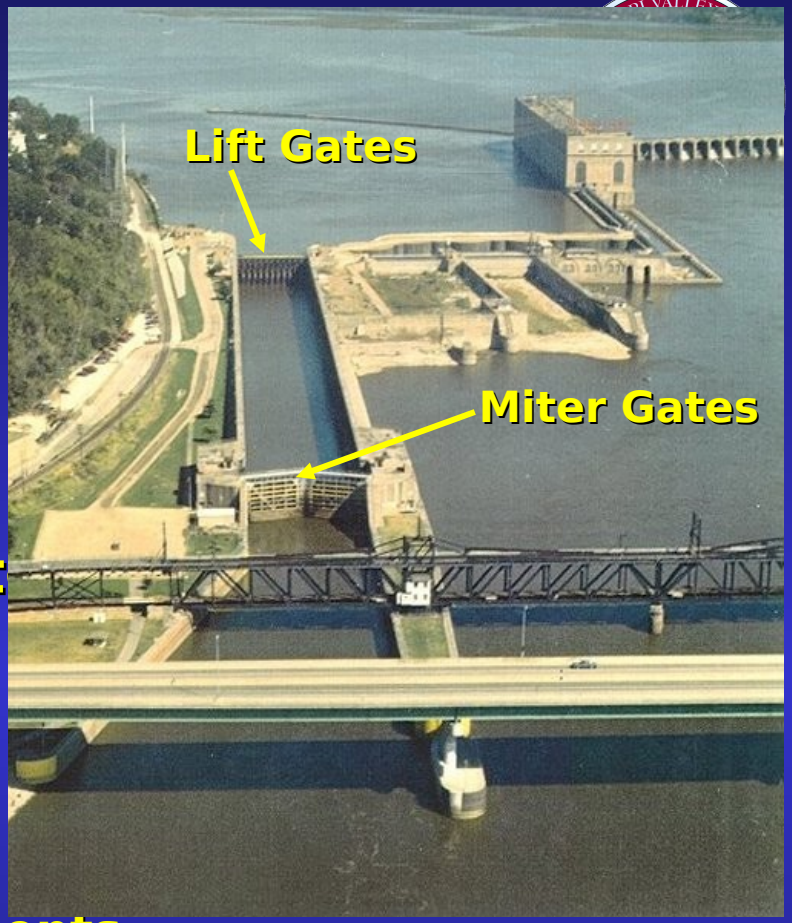
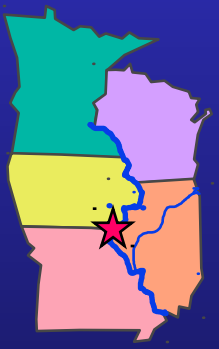
Lock 19
Keokuk, Iowa



- FY03 New Start
- Major Rehab - $21 M CG/TF
  - $51M w/ Lock Concret
- Major Maint. - $1 M O&M
- Staging of Work
  - Stage I – Lift Gate Repairs
  - Stage II – Miter Gates, Machinery & Electrical Replacements
    - $14.3M Contract Awarded Aug. 04
    - $4.264M FY05 Work Allowance
    - FY05 CG/TF - $4.8 M Needed (Rec'd $4.3 M)
    - FY06 CG/TF - $15 M Needed (Pres Budget = $17.4 M)



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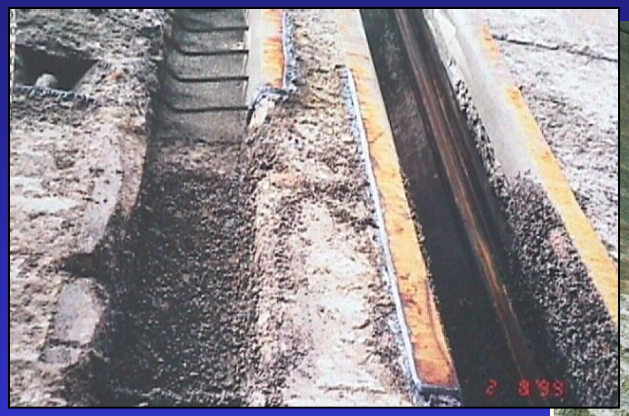
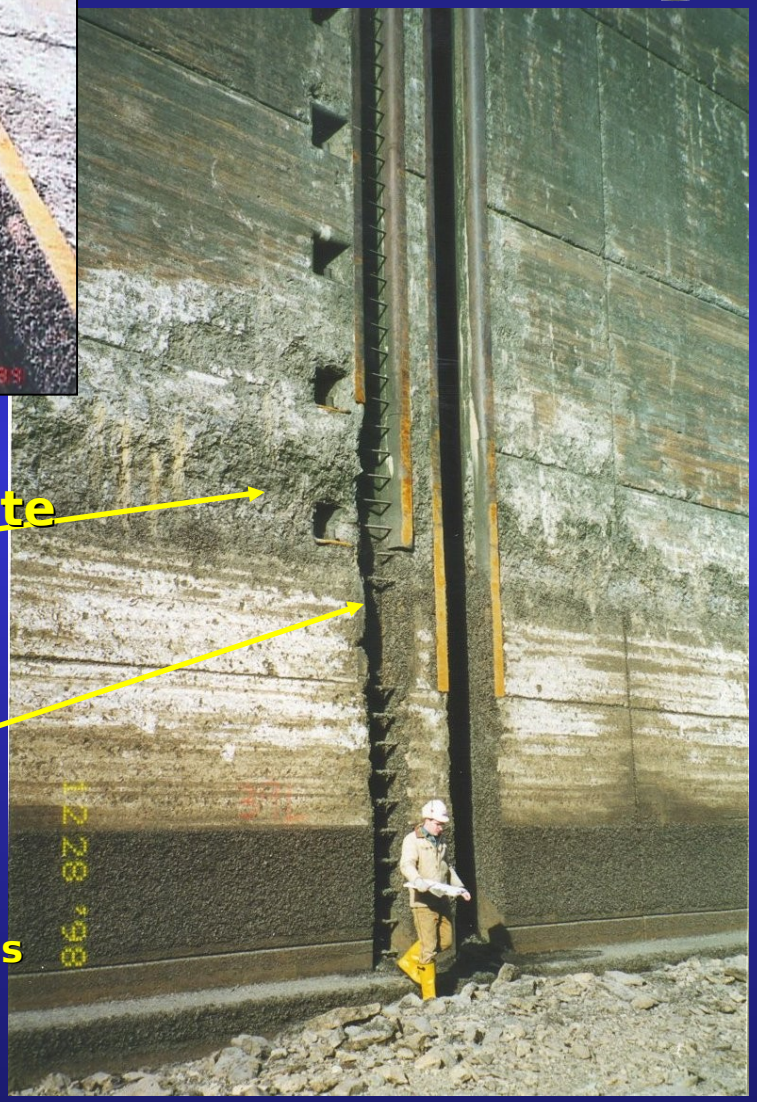
Lock 19 Chamber Concrete



$30 Million Cost

Deteriorated Concrete @ Lower Pool

Vertical Corner Protection Armor Damaged & Missing



Note: For Safety Reasons, Loose Armor was Torched off During 1998 Dewatering. Protruding Armor Presents Safety Hazards During Lockages.

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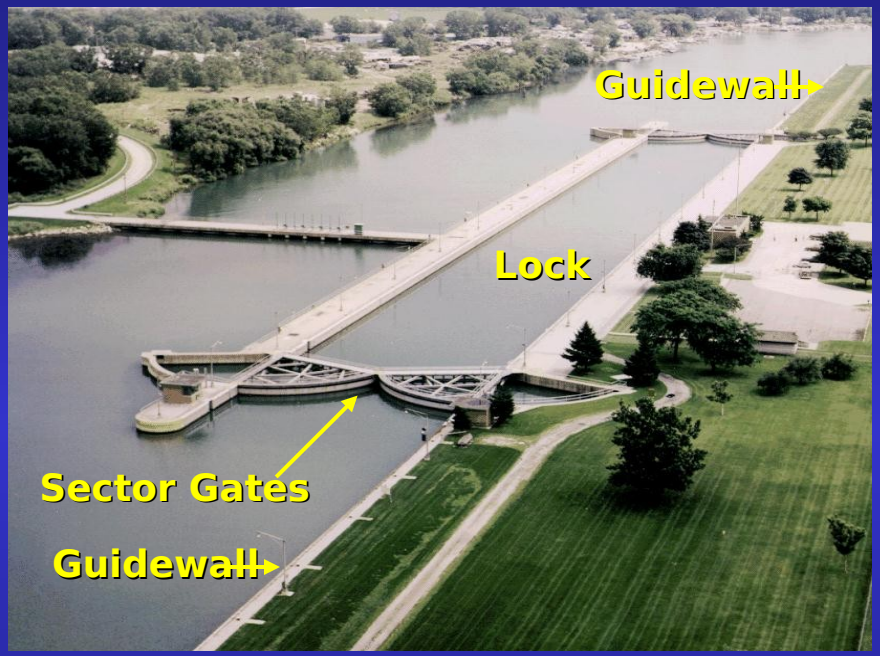
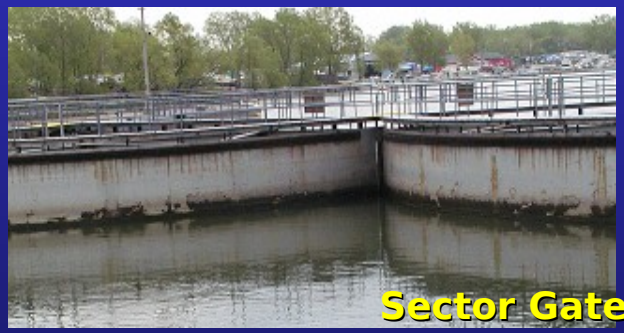
O'Brien Lock
Illinois Waterway @ Chicago, Illinois

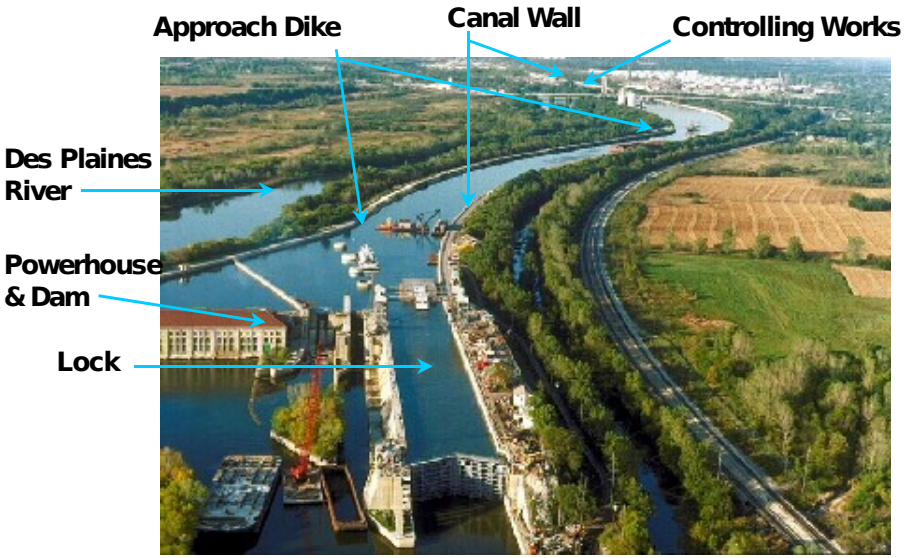




- Eligible for New Start
- Major Rehab - $17 M CG/TF
- Major Maint. - $9 M O&M
- FY06 CG/TF - $2.92 M Needed (Pres. Budget = 0)
- Staging of Work
  - Stage I – Lockwall Cells
  - Stage II – Machinery & Electrical Replacements, Sector Gate Repainting
  - Stage III – Guidewall Repairs

Lockport Pool Major Rehab $ Needs

- Eligible for FY06 New Start
- Major Rehab - ~$112 M CG/TF
- Major Maint. - $3 M O&M
- FY06 CG/TF - $2.48 M Needed (Pres. Budget = 0)
- Staging of Work
  - Stage I – Approach Dike, $25 M
  - Stage II – Controlling Works, $1.5M
  - Stage III – Powerhouse/dam, $1.5 M
  - Stage IV – Canal Wall, ~$87 M



Sinkhole discovered on 17 January 2002 on the crown of the approach dike, measuring 6 feet x 8 feet x 5 feet deep.

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LaGrange Lock and Dam Reha

- Proposed New Start FY 07
- $24,850,000
  - Replace Vertical Concrete
  - Hydraulic Replacement
  - Replace electrical Systems
- $1M Need in FY 06 for design (O&M)

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Davenport, IA

- **Problem: Lack of Flood Protection for Water Treatment Plant**
- **Resumed Design Work in Aug. 04**
- **FY05 Work Allowance $79K**
- **Construction Initiation: FY07**
- **FY06 President's Budget = 0**
- **Capability = $446K**

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Illinois River Basin Restoration

- Ecosystem Feasibility Study (Sec 216)
- Basin Study (Sec 519)
  - Comprehensive Plan
  - Critical Restoration Projects
- FY05 $700K Work Allowance
- FY05 Construction – Peoria Island & Pekin South
- FY06 GI - $1.85 M Needed (Pres. Budget = $1.51 M)
  - CG - $3.0 M Needed (Pres. Budget = 0)

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Rock Island District
Environmental Management Program Projects
aka Upper Mississippi River Restoration

Current Projects	Status
Fox Island	Feasibility Completion (May 05)
	Construction Start (Sched 07 or 08)*
Lake Odessa	Feasibility Completion (Feb 05)
Lake Odessa Stage 1	Construction Start (Aug 05)
Pool 11 Stage I	Construction Completed (Oct 04)
Pool 11 Stage 2	Construction Completion (Sched Nov 05)
Pool 12 Overwintering	Feasibility Completion (July 05)
	Construction Start (Sched. 07 or 08)*
Rice Lake	Feasibility Completion (Sept 05)
	Construction Start (Sched. 06 or 07)*
Smith Creek	Feasibility Completion (Sched 06)*
	Construction Start (Sched. June 07 or 08)*

Additional EMP Projects Being Completed by St. Paul District are Spring Lake Islands, Pool 8 Islands, Long Meadow Lake & Pool Slough.

Additional EMP Projects Being Completed by St. Louis District are Batchtown, Calhoun Point, Salt Lake/Ft. Chartres, & Stone Dike Alterations.

FY05 Funding = $15.547 M

FY06 Pres. Budget = $33.5 M

**** Dependent on Funding***

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Continuing Authorities Program Sections 1135 & 206

	FY05 Funding	FY06 Need
Section 1135		
• Big Creek Spillway	$ 89,000	$ 75,000
Section 206		
• Adams County, Quincy Bay	$ 90,000	$ 0
• Duck Creek	$ 76,000	$350,000
• Iowa River/Clear Creek	$ 99,600	$300,000
• Kankakee River (State Line)	$ 97,000	$200,000
• Storm Lake	$ 9,000	$100,000
• Whitebreast Creek	$ 0	$372,000
• Ventura Marsh	$140,600	$165,000

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Continuing Authorities Program
Section 14

	FY05 Funding	FY06 Need
Section 14		
• Ackley, Beaver Creek	$ 0	$ 0
• Iowa City/Iowa River/Dubuque St.	$ 0	$250,000
• Keosauqua, Des Moines R.	$ 0	$ 60,000
• Monroe Co., Coal Creek	$ 0	$ 60,000
• Panora, Raccoon R.	$45,000	$117,000
• Roland, Bear Creek	$ 0	$ 60,000
• Sac & Fox Tribe, Iowa R.	$27,000	$380,000
• New Canton, Kiser Creek	$ 48,000	$125,000

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Continuing Authorities Program
Sections 205 & 208

	FY05 Funding	FY06 Need
Section 205		
• Cedar Rapids, Indian & Dry Run	$150,000	$ 300,000
• Cedar Rapids (Time Check)	$ 74,000	$ 300,000
• LaPorte City, Wolf Creek	$ 55,000	$ 0
• Dubuque, L. Maquoketa R.	$ 45,000	$ 150,000
• Manchester, Maquoketa R.	$ 0	$ 0
• Maquoketa, Maquoketa R.	$ 14,000	$ 150,000
• Mason City, Winnebago R.	$ 0	$ 100,000
• Muscatine, Mad Creek	$ 67,000	$1,500,000
• East Peoria $720,000	$3,666,000	
• East Peoria Sanitary Dist.	$ 0	$ 100,000
• Utica, Clark Run Creek	$ 0	$ 100,000
Section 208		
• Knox County, Spoon River	$ 60,000	$ 250,000

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Operations & Maintenance FY2006 Budget ($1,000)

	Pres Budget	Capability
• Mississippi River	$ 48,107	$71,957
• IL Waterway	$ 24,702	$38,902
• Farm Creek	$ 214	$ 214
• Andalusia SBH	$ 0	$ 82
• Rock Island SBH	$ 0	$ 80
• Savanna SBH	$ 0	$ 120
• Saylorville	$ 3,952	$10,088
• Red Rock	$ 3,415	$ 5,529
• Coralville	$ 2,537	$ 3,937
• Davenport SBH	$ 0	$ 82

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FY2006 Mississippi River Project President's Budget -- $48,107K

Additional $23.85M Repair Capability:

- **Major Maintenance At Lock 19 -- $2.5M**
- **L/D 18 Miter Gate Replacement -- $3M**
- **Major Maintenance At L/D 11 -- $3M**
- **Checkpost Repairs At 3 Sites -- $300K**
- **Rehab L/D 15 Hydropower Turbine -- $450K**
- **DMMP Plans, Design, Implementation, & Maintenance -- $1.6M**
- **Dredging -- $1M**
- **Dam 18 Concrete Work -- $5M**
- **Repair/Rehab L/D 12 (Major Maintenance) -- $4M**
- **LeClaire Base Project Office -- $2M**
- **Interim Security Measures -- $1M**

US Army Corps of Engineers®

FY2006 Illinois Waterway Project President's Budget -- $24,702K

Project Basic Service Shortfall Of $3.9M.

Additional Repair Capability:

- **Peoria Wicket Lifter -- $800K**
- **Peoria Lock Hydraulic Repairs -- $3.1M**
- **DMMP Plans & Specs -- $1.5M**
- **Dredging -- $1M**
- **Lockport Approach Dike Repairs -- $1.6M**
- **Major Maintenance At O'Brien & Lockport Locks -- $700K**
- **Lucas Berg CDF EIS -- $100K**
- **Interim Security Measures -- $1.5M**

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Saylorville Lake
President's Budget -- $3,952K

Project Basic Service Level Shortfall Of $871K.

Additional Capability For Repairs:

- **Barrier Dam Pump Replacement -- $800K**
- **Marina Boat Ramp Replacement – $865K**
- **Neal Smith Trail Repairs -- $3.6M**

US Army Corps of Engineers®

Lake Red Rock
President's Budget -- $3,415K

Project Basic Service Level Shortfall Of $864K.

Additional Capability For Repairs:

- **Bulkhead Design And Procurement -- $1M**
- **Rim Erosion Repairs -- $250K**

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Coralville Lake President's Budget -- $2,537K

Project Basic Service Level Shortfall Of $1.2M.

Additional Capability For Repairs:

- **Erosion Repair At Tailwater East -- $200K**

US Army Corps of Engineers®

Points of Contact

- **Construction**
  Dan Holmes, Chief
  309-794-5480
- **Contracting**
  Rhonda Johanson, Chief
  309-794-5488
- **Engineering**
  Denny Lundberg, Chief
  309-794-5226
- **Operations**
  Kenn Shoemaker, Chief
  309-794-5501
- **Planning, Programs & Project Management**
  Gary Loss, Chief
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- **Regulatory**
  Dan Johnson, Chief
  309-794-5371

Rock Island District Website: www.mvr.usace.army.mil